WHAT IS CLAIMED IS:

1. A low-cost coaxial cable fed inverted-L antenna having a coaxial cable, and said coaxial cable comprising:

an internal conductor, being a core axis of the coaxial cable and acting as a wireless signal transmission line;

an external conductor, acting as a mask and a ground line;

an insulating dielectric material, disposed between said internal and external conductors and separating said internal and external conductors by a predetermined distance, thereby a concentric conductor being defined between said internal and external conductors;

an insulating external skin, being wrapped around the exterior of said external conductor;

wherein one end of said coaxial cable connecting to a control circuit of a wireless communication device; one end of said internal conductor being extended to a predetermined distance outside the external conductor and then bent backward in an opposite direction and along said external conductor and parallel to the direction of said external conductor, and then extended to define a radiating member with a predetermined length.

2. The antenna of claim 1, wherein said internal conductor is extended to a predetermined length and then bent backward to approximately 90 degrees and extended to another predetermined length.

3. The antenna of claim 2, wherein said internal conductor is extended to a predetermined length along the direction adjacent to said external conductor and parallel to said external conductor, and then bent to about 90 degrees to one side and then extended to a radiating member of another predetermined length.

4. The antenna of claim 3, wherein said radiating member keeps a distance of about 2mm~8mm from said coaxial cable.

5. The antenna of claim 3, wherein said another predetermined length of the radiating

member is slightly shorter than a distance of a quarter of the wavelength of the operating frequency.